

adinstbpm - Issues by Age

| # | Tracker | Status | Subject | Created |
|-------|-----------|------------------|--|---------------------|
| 17755 | Task | Work in progress | Verify DAQ operation with at least 4 modules | 09/20/2017 04:27 PM |
| 17776 | Feature | New | Support for DMA transfers from DAQ modules | 09/26/2017 11:17 AM |
| 17771 | Feature | Work in progress | Support for flash-turn and flash-orbit measurements | 09/25/2017 01:31 PM |
| 17844 | Task | Resolved | Locking mechanism for shared memory objects | 10/09/2017 09:54 AM |
| 17727 | Task | Resolved | ACNET device BPM Turn-by-Turn Extra Inputs | 09/15/2017 11:24 AM |
| 17725 | Task | Resolved | ACNET device BPM Single Turn Scaled Position (0x001f) | 09/15/2017 11:22 AM |
| 17726 | Task | Resolved | ACNET device BPM Single Turn Scaled Position Buffer (0x0020) | 09/15/2017 11:23 AM |
| 17731 | Task | Resolved | ACNET device BPM Closed Orbit Circular Buffer (0x0010) | 09/15/2017 11:32 AM |
| 17722 | Task | Resolved | ACNET device BPM Offsets (0x0016) | 09/15/2017 11:14 AM |
| 17723 | Task | Resolved | ACNET device BPM Digitizer Raw Data (0x0013) | 09/15/2017 11:15 AM |
| 17724 | Task | Work in progress | ACNET device BPM Turn-by-Turn Scaled Positon | 09/15/2017 11:20 AM |
| 17729 | Task | Work in progress | ACNET device BPM Average Position (Snapshot) Orbit (0x0014) | 09/15/2017 11:30 AM |
| 17730 | Task | Work in progress | ACNET device BPM Orbit Group (0x001e) | 09/15/2017 11:31 AM |
| 17737 | Task | Work in progress | bpmcli error facility | 09/16/2017 10:43 AM |
| 17975 | Task | Work in progress | Test B38 and B40 | 10/19/2017 04:05 PM |
| 18009 | Task | Resolved | Driver for Booster BPM transition board | 10/23/2017 02:53 PM |
| 18000 | Task | Resolved | Support BPM lists in dump commands | 10/20/2017 02:18 PM |
| 17999 | Task | Resolved | Refactor to use getopt | 10/20/2017 02:16 PM |
| 18046 | Task | New | Refactor bpmcli 'dump_flash_history' command to be a CLICommand | 10/26/2017 04:23 PM |
| 18047 | Task | New | Refactor bpmcli 'help' command to be a CLICommand | 10/26/2017 04:24 PM |
| 18037 | Feature | Resolved | Support flagging that data could not be read when a DAQ module is missing/failed | 10/26/2017 01:35 PM |
| 18055 | Task | Resolved | No beam threshold | 10/27/2017 08:51 AM |
| 18045 | Task | Resolved | Refactor bpmcli 'arm' command to be a CLICommand | 10/26/2017 04:23 PM |
| 18048 | Task | Resolved | Refactor bpmcli 'readout' command to be a CLICommand | 10/26/2017 04:24 PM |
| 18050 | Task | Resolved | Refactor bpmcli 'shutdown' command to be a CLICommand | 10/26/2017 04:24 PM |
| 18044 | Task | Resolved | Refactor bpmcli 'abort' command to be a CLICommand | 10/26/2017 04:23 PM |
| 18049 | Task | Resolved | Refactor bpmcli 'show' command to be a CLICommand | 10/26/2017 04:24 PM |
| 17998 | Milestone | New | Improvements to bpmcli | 10/20/2017 02:15 PM |
| 18151 | Task | Work in progress | Configure BPMs for test stand at Booster location 21 | 11/08/2017 01:16 PM |
| 18149 | Task | Resolved | Implement Booster BPM scaling | 11/08/2017 11:52 AM |
| 18132 | Task | Work in progress | bpmcli commands for enabling/disabling state machine | 11/07/2017 09:27 AM |

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|-------|-----------|------------------|---|---------------------|
| 17935 | Task | Work in progress | Booster BPM State Machine | 10/17/2017 03:08 PM |
| 17721 | Task | Work in progress | ACNET device BPM Numbers (0x0017) | 09/15/2017 11:13 AM |
| 18197 | Bug | New | Why do soft reboots sometime hang? | 11/10/2017 10:14 AM |
| 17974 | Task | Resolved | Create ACNET devices for B38 and B40 | 10/19/2017 04:05 PM |
| 17734 | Task | Work in progress | ACNET device BPM Orbit Correction Device (0x0022) | 09/15/2017 11:37 AM |
| 17720 | Task | Work in progress | Booster BPM ACNET Interface | 09/15/2017 11:09 AM |
| 18324 | Task | Resolved | Implement polynomial scaling | 11/16/2017 04:26 PM |
| 18435 | Milestone | New | Support for GigE ADCs | 11/30/2017 09:35 AM |
| 18436 | Task | Work in progress | x86 support for Technobox XMC GigE adapter | 11/30/2017 09:36 AM |
| 18636 | Feature | Assigned | bpmcli command to reload bpmd.conf | 12/29/2017 11:08 AM |
| 17719 | Milestone | New | Booster operational test of one crate alongside existing BPM system | 09/15/2017 11:06 AM |
| 19850 | Milestone | New | BPM Diagnostics Application | 05/02/2018 09:26 AM |
| 20038 | Task | Assigned | ACNET interface for adjusting TSG and ADC channel delays | 05/29/2018 11:33 AM |
| 20353 | Task | Work in progress | Adapter for NML timing module | 07/18/2018 02:19 PM |
| 20437 | Task | Assigned | Functional specification document | 07/24/2018 04:13 PM |
| 20450 | Bug | New | The number of samples argument to bpmcli dump does not respect multiple bunches | 07/25/2018 03:46 PM |
| 20354 | Task | Resolved | Adapter for IOTA DAQ module | 07/18/2018 02:19 PM |
| 20474 | Task | Resolved | Enter BPMs into bpmd.conf | 07/27/2018 09:10 PM |
| 20473 | Bug | Resolved | Control message queue is not destroyed on shutdown | 07/27/2018 09:01 PM |
| 20483 | Task | Resolved | Create separate "stable" branches for Booster and IOTA BPMs | 07/30/2018 03:11 PM |
| 20358 | Task | Resolved | Request ACNET node assignment | 07/18/2018 02:52 PM |
| 20541 | Task | Work in progress | Gather crate and CPU MAC addresses for ethernet connections | 08/06/2018 11:37 AM |
| 20551 | Task | New | BPM-level delay configuration | 08/07/2018 02:38 PM |
| 20543 | Task | Assigned | Request ethernet connection for bbpl15 and bbpl15-crate | 08/06/2018 12:54 PM |
| 20555 | Task | Assigned | Request ethernet connection for bbpl12 and bbpl12-crate | 08/07/2018 05:51 PM |
| 20556 | Task | Assigned | Request ethernet connection for bbpl18 and bbpl18-create | 08/07/2018 05:52 PM |
| 20557 | Task | Assigned | Request ethernet connection for bbpl24 and bbpl24-crate | 08/07/2018 05:53 PM |
| 20649 | Task | Work in progress | Request ACNET node assignment for BBPL15 | 08/21/2018 08:18 AM |
| 20650 | Task | Work in progress | Request ACNET node assignment for BBPL12 | 08/21/2018 08:18 AM |
| 20651 | Task | Work in progress | Request ACNET node assignment for BBPL18 | 08/21/2018 08:19 AM |
| 20652 | Task | Work in progress | Request ACNET node assignment for BBPL24 | 08/21/2018 08:19 AM |
| 20351 | Feature | Resolved | Support for 4-channel 2-dimensional BPMs | 07/18/2018 02:05 PM |
| 20665 | Task | New | Support multiple sets of coefficients for 2-D fits | 08/22/2018 08:51 PM |

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|-------|-----------|------------------|---|---------------------|
| 20356 | Task | Resolved | Request ethernet connection for crate and CPU | 07/18/2018 02:48 PM |
| 20355 | Milestone | New | Deploy IOTA BPM hardware | 07/18/2018 02:47 PM |
| 20377 | Task | Resolved | IOTA State Machine | 07/19/2018 09:12 PM |
| 20666 | Task | New | TCLK-driven arm and TBT readout for IOTA | 08/22/2018 09:33 PM |
| 20681 | Task | New | bpmd.conf for BBPL15 | 08/26/2018 02:41 PM |
| 20682 | Task | New | bpmd.config for BBPL15 | 08/26/2018 02:41 PM |
| 20683 | Task | Resolved | Change node name for all BBPM15 devices | 08/26/2018 03:07 PM |
| 20693 | Task | Resolved | Change node name for all BBPM06 devices | 08/28/2018 10:01 AM |
| 20694 | Task | Resolved | Change node name for all BBPM21 devices | 08/28/2018 10:08 AM |
| 20703 | Task | Resolved | Change node name for all BBPM12 devices | 08/28/2018 06:36 PM |
| 20704 | Task | Resolved | Change node name for all BBPM18 devices | 08/28/2018 08:05 PM |
| 20705 | Task | Resolved | Change node name for all BBPM24 devices | 08/28/2018 08:06 PM |
| 20540 | Milestone | New | Booster BPM deployment | 08/06/2018 11:37 AM |
| 20522 | Task | Assigned | ACNET device for Arming IOTA BPMs | 08/03/2018 09:23 AM |
| 20352 | Task | Resolved | Startup despite missing timing module | 07/18/2018 02:18 PM |
| 20520 | Task | Assigned | IOTA BPM TBT Array Device | 08/03/2018 09:15 AM |
| 20664 | Task | Work in progress | Orbit structure device for IOTA BPMs | 08/22/2018 08:45 PM |
| 19608 | Task | Work in progress | Crate status and control device | 04/09/2018 02:32 PM |
| 19607 | Milestone | New | IOTA ACNET Interface | 04/09/2018 02:30 PM |
| 20350 | Milestone | New | IOTA BPM deployment | 07/18/2018 02:04 PM |
| 20663 | Task | Work in progress | Separate IOTA ACNET code from BoosterBPMACNET.C and BoosterCrateACNET.C | 08/22/2018 08:43 PM |
| 21696 | Feature | Assigned | Snapshot plot support for Booster BPMs | 01/15/2019 12:53 PM |
| 22499 | Milestone | New | Support GigE readout | 05/01/2019 02:28 PM |
| 22500 | Milestone | New | Python API for accessing BPM data | 05/01/2019 03:07 PM |
| 22495 | Task | New | Refactor to store positions inside of Readings | 05/01/2019 01:57 PM |
| 22497 | Task | New | Position calculation thread | 05/01/2019 02:10 PM |
| 22498 | Milestone | New | IPC to broadcast events from bpmd | 05/01/2019 02:22 PM |
| 22549 | Task | New | Merge iota_stable, booster_stable | 05/08/2019 02:29 PM |
| 22554 | Milestone | New | Support for Analysis Processes | 05/08/2019 02:42 PM |
| 22555 | Milestone | New | RMS analysis process | 05/08/2019 02:46 PM |
| 22553 | Milestone | New | Support for I&Q, phase space data in Reading buffers | 05/08/2019 02:35 PM |
| 22550 | Milestone | New | Interactive bpmcli | 05/08/2019 02:30 PM |
| 22551 | Feature | New | Support displaying bpmd broadcasts | 05/08/2019 02:32 PM |

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|-------|-----------|--------|--|---------------------|
| 22552 | Feature | New | Support displaying data in gnuplot | 05/08/2019 02:32 PM |
| 22556 | Milestone | New | Support rack-mount server architecture | 05/08/2019 02:49 PM |
| 23334 | Bug | New | Review request [commit:9d6fb8c32be2b760ee703095242308551c178991: Removed commented syslog(..) calls that where replaced with TRACE.] | 09/25/2019 03:06 PM |
| 22493 | Milestone | New | PIP2IT BPM Project | 05/01/2019 01:46 PM |
| 24143 | Bug | New | Missing Mutual Exclusion with linked list internals | 03/06/2020 11:47 AM |
| 24146 | Task | New | TRACE buffer levels need to be in enumeration | 03/06/2020 02:04 PM |